

Art Unit: ***

PTOCLM

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AS

CLAIMS 1-10 (CANCELLED)

11. (Currently Amended) A semiconductor integrated circuit comprising:
a pad to which an input signal is externally input;
a source follower circuit including a transistor having a gate connected to said pad and a source for producing an output signal, said gate is separately provided from said pad;
wherein a parasitic capacitance is created between said pad and a semiconductor substrate, and said source of the source follower circuit is connected to the semiconductor substrate side of the parasitic capacitance so as to charge and discharge the parasitic capacitance by the output signal of said source follower circuit;

an island region on the upper surface of said semiconductor substrate containing impurities of a second conductivity type, and the pad formed on said island region via an oxide film; and wherein said semiconductor substrate contains impurities of a first conductivity type; and wherein an output terminal of said source follower circuit is connected to said island region.

12. (Previously Presented) The semiconductor integrated circuit defined in Claim 11, wherein said island region is surrounded with an isolation region containing impurities of said first conductivity type.

13. (Original) The semiconductor integrated circuit defined in Claim 11, wherein said first conductivity type is a P type and said second conductivity type is an N type.

14. (Previously Presented) The semiconductor integrated circuit defined in Claim 11, wherein said output terminal is connected to said island region by way of a metal conductor.

CLAIM 15(CANCELLED)

Art Unit: ***

16. (Previously Presented) The semiconductor integrated circuit defined in Claim 11, wherein said source follower circuit comprises an amplifier.

17. (Currently Amended) The semiconductor integrated circuit defined in Claim 11, wherein said transistor of said source follower circuit comprises ~~is~~ a field effect transistor integrated on said semiconductor substrate, ~~said field-effect transistor having a gate connected to said pad.~~

18. (Currently Amended) The semiconductor integrated circuit defined in Claim 17, wherein said field effect transistor has a drain connected to a power source, and ~~a~~ said source connected to a ground via a constant current source, for producing said output signal.

CLAIMS 19-20 (CANCELLED)